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Datasheet for ABIN2764066 **anti-PPAP2B antibody**

Overview

Quantity:	100 µg
Target:	PPAP2B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPAP2B antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide derived from the phosphatidic acid phosphatase 2B protein
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	<p>PAP2B, Vascular endothelial growth factor and type I collagen inducible protein (VCIP), also known as phosphatidic acid phosphatase 2b (PAP2b), was originally identified in a functional assay of angiogenesis. VCIP/PAP2b exhibits an ArgGlyAsp (RGD) cell adhesion sequence. Immunoprecipitation and fluorescence-activated cell sorting analyses demonstrated that VCIP-RGD is exposed to the outside of the cell surface. Retroviral transduction of VCIP can induce cell aggregation and cell cell interactions, modestly increase p120 catenin expression and promote activation of the Fak, Akt and GSK3 protein kinases. Expression of VCIP promoted adhesion, spreading and tyrosine phosphorylation of Fak, Shc, Cas and paxillin in endothelial cells. PAP2b/VCIP is expressed in close proximity to vascular endothelial growth factor, von Willebrand factor and αvβ3 integrin in tumor vasculatures.</p>

Product Details

Purification: Antigen Immunoaffinity Purification

Target Details

Target: PPAP2B

Alternative Name: Phosphatidic Acid Phosphatase 2B ([PPAP2B Products](#))

UniProt: [O14495](#)

Application Details

Application Notes: Antibody can be used for Western blotting (see vial for dilution) and EIA. Optimal concentration should be evaluated by serial dilutions.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: Provided as solution in phosphate buffered saline with 0.08 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles